3055 BA SANGAM COLLEGE

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WORKSHEET NO: 14

LESSON PLAN

Subject: Applied Technology		**Year/Level:** 13
	Final lesson	**Date:** 24/08/21
Topic: **Air condition**		

Lesson notes

Air condition

Air conditioning (often referred to as AC, A.C., or A/C) is the process of removing heat from a confined space, thus cooling the air, and removing humidity. Air conditioning can be used in both domestic and commercial environments.

Heat pump unit]

A heat pump is an air conditioner in which the refrigeration cycle can be reversed, producing heating instead of cooling in the indoor environment. They are also commonly referred to as a "reverse cycle air conditioner". The heat pump is significantly more energy efficient than electric resistance heating. as the evaporator, and discharges cold air (colder than the ambient outdoor air). have an electric resistance.

Review question

1. Define refrigeration?
2. List and explain two methods of refrigeration
3. Cyclic refrigeration is classified into two. Name the two classification
4. Sketch a vapour compression cycle.
5. Discuss the following:
   a. Gas cycle
   b. Thermoelectric refrigeration
6. Define air condition?
7. Explain the refrigeration cycle in air condition
8. Discuss the term evaporative cooling
9. Deine the term dehumidification
10. Explain split system in air conditions.